
Sequence Listing could not be accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2008; month=12; day=1; hr=14; min=3; sec=55; ms=346;]

Reviewer Comments:

<210> 10

<211> 60

<212> DNA

<213> Baculovirus

<400> 10

CCGCTCGAGG AATTCGCCAC CATGTGTGTA ATTTTTCCGG TAGAAATCGA CGTGTCCCAG 60

Per Sequence Rules do not use Uppercase, Please change to lowercase. Check for similar errors and make necessary changes.

Validated By CRFValidator v 1.0.3

Application No: 10566266 Version No: 1.0

Input Set:

Output Set:

Started: 2008-11-07 11:15:40.906

Finished: 2008-11-07 11:15:47.302

Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 396 ms

Total Warnings: 5371

Total Errors: 0

No. of SeqIDs Defined: 16

Actual SeqID Count: 16

Error code		Error Description
W	402	Undefined organism found in <213> in SEQ ID (1)
W	402	Undefined organism found in <213> in SEQ ID (2)
W	402	Undefined organism found in <213> in SEQ ID (3)
W	402	Undefined organism found in <213> in SEQ ID (4)
W	402	Undefined organism found in <213> in SEQ ID (5)
W	402	Undefined organism found in <213> in SEQ ID (6)
W	402	Undefined organism found in <213> in SEQ ID (7)
W	402	Undefined organism found in <213> in SEQ ID (8)
W	402	Undefined organism found in <213> in SEQ ID (9)
W	402	Undefined organism found in <213> in SEQ ID (10)
W	112	Upper case found in data; Found at position(0) SeqId(10)
W	112	Upper case found in data; Found at position(1) SeqId(10)
W	112	Upper case found in data; Found at position(2) SeqId(10)
W	112	Upper case found in data; Found at position(3) SeqId(10)
W	112	Upper case found in data; Found at position(4) SeqId(10)
W	112	Upper case found in data; Found at position(5) SeqId(10)
W	112	Upper case found in data; Found at position(6) SeqId(10)
W	112	Upper case found in data; Found at position(7) SeqId(10)
W	112	Upper case found in data; Found at position(8) SeqId(10)
W	112	Upper case found in data; Found at position(9) SeqId(10)

Input Set:

Output Set:

Started: 2008-11-07 11:15:40.906 **Finished:** 2008-11-07 11:15:47.302

Elapsed: 0 hr(s) 0 min(s) 6 sec(s) 396 ms

Total Warnings: 5371
Total Errors: 0
No. of SeqIDs Defined: 16

Actual SeqID Count: 16

Error code		Error Description
W	112	Upper case found in data; Found at position(10) SeqId(10)
W	112	Upper case found in data; Found at position(11) SeqId(10)
W	112	Upper case found in data; Found at position(12) SeqId(10)
W	112	Upper case found in data; Found at position(13) SeqId(10)
W	112	Upper case found in data; Found at position(14) SeqId(10)
W	112	Upper case found in data; Found at position(15) SeqId(10)
W	112	Upper case found in data; Found at position(16) SeqId(10)
W	112	Upper case found in data; Found at position(17) SeqId(10)
W	112	Upper case found in data; Found at position(18) SeqId(10)
W	112	Upper case found in data; Found at position(19) SeqId(10) This error has occured more than 20 times, will not be displayed
W	402	Undefined organism found in <213> in SEQ ID (11)
W	402	Undefined organism found in <213> in SEQ ID (12)
W	402	Undefined organism found in <213> in SEQ ID (13)
W	402	Undefined organism found in <213> in SEQ ID (14)
W	402	Undefined organism found in <213> in SEQ ID (15)
W	402	Undefined organism found in <213> in SEQ ID (16)

```
<110> JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH =
INSTITUTE
<120> A method for the production of high expression recombinant =
fibrinogen producing cells
<130> 2003TE0717
<140> 10566266
<141> 2008-11-07
<160> 16
<170> PatentIn version 3.1
<210> 1
<211> 45
<212> DNA
<213> Human
<400> 1
ccccaagctt gtcgacgcca ccatgttttc catgaggatc gtctg 45
<210> 2
<211> 60
<212> DNA
<213> Human
<400> 2
ccatcgatgg atccgtcgac ttactagggg gacagggaag gcttccccaa aggagaagtg 60
<210> 3
<211> 60
<212> DNA
<213> Human
<400> 3
ccccaagctt gtcgacgcca ccatgaaaca tctattattg ctactattgt gtgtttttct 60
<210> 4
<211> 60
<212> DNA
<213> Human
<400> 4
cggaattctg atcagtcgac ttactattgc tgtgggaaga agggcctgat cttcatactc 60
```

```
<210> 5
<211> 56
<212> DNA
<213> Human
<400> 5
ccccaagctt gtcgacgcca ccatgagttg gtccttgcac ccccggaatt taattc 56
<210> 6
<211> 51
<212> DNA
<213> Human
<400> 6
cggaattcgg atccgtcgac ttattaaacg tctccagcct gtttggctcc c 51
<210> 7
<211> 1980
<212> DNA
<213> Human
<400> 7
ccccaagett gtcgacgcca ccatgttttc catgaggatc gtctgcctgg tcctaagtgt 60
ggtgggcaca gcatggactg cagatagtgg tgaaggtgac tttctagctg aaggaggagg 120
cgtgcgtggc ccaagggttg tggaaagaca tcaatctgcc tgcaaagatt cagactggcc 180
cttctgctct gatgaagact ggaactacaa atgcccttct ggctgcagga tgaaagggtt 240
gattgatgaa gtcaatcaag attttacaaa cagaataaat aagctcaaaa attcactatt 300
tgaatatcag aagaacaata aggattctca ttcgttgacc actaatataa tggaaatttt 360
gagaggcgat ttttcctcag ccaataaccg tgataatacc tacaaccgag tgtcagagga 420
tctgagaagc agaattgaag tcctgaagcg caaagtcata gaaaaagtac agcatatcca 480
gcttctgcag aaaaatgtta gagctcagtt ggttgatatg aaacgactgg aggtggacat 540
tgatattaag atccgatctt gtcgagggtc atgcagtagg gctttagctc gtgaagtaga 600
tetgaaggae tatgaagate ageagaagea aettgaaeag gteattgeea aagaettaet 660
tccctctaga gataggcaac acttaccact gataaaaatg aaaccagttc cagacttggt 720
tcccggaaat tttaagagcc agcttcagaa ggtaccccca gagtggaagg cattaacaga 780
catgccgcag atgagaatgg agttagagag acctggtgga aatgagatta ctcgaggagg 840
ctccacctct tatggaaccg gatcagagac ggaaagcccc aggaacccta gcagtgctgg 900
aagctggaac tetgggaget etggaeetgg aagtaetgga aacegaaace etgggagete 960
tgggactgga gggactgcaa cctggaaacc tgggagctct ggacctggaa gtactggaag 1020
ctggaactct gggagctctg gaactggaag tactggaaac caaaaccctg ggagccctag 1080
acctggtagt accggaacct ggaatcctgg cagctctgaa cgcggaagtg ctgggcactg 1140
gacctctgag agctctgtat ctggtagtac tggacaatgg cactctgaat ctggaagttt 1200
taggccagat agcccaggct ctgggaacgc gaggcctaac aacccagact ggggcacatt 1260
tgaagaggtg tcaggaaatg taagtccagg gacaaggaga gagtaccaca cagaaaaact 1320
ggtcacttct aaaggagata aagagctcag gactggtaaa gagaaggtca cctctggtag 1380
cacaaccacc acgcgtcgtt catgctctaa aaccgttact aagactgtta ttggtcctga 1440
tggtcacaaa gaagttacca aagaagtggt gacctccgaa gatggttctg actgtcccga 1500
ggcaatggat ttaggcacat tgtctggcat aggtactctg gatgggttcc gccataggca 1560
ccctgatgaa getgccttct tcgacactgc ctcaactgga aaaacattcc caggtttctt 1620
ctcacctatg ttaggagagt ttgtcagtga gactgagtct aggggctcag aatctggcat 1680
cttcacaaat acaaaggaat ccagttctca tcaccctggg atagctgaat tcccttcccg 1740
tggtaaatct tcaagttaca gcaaacaatt tactagtagc acgagttaca acagaggaga 1800
ctccacattt gaaagcaaga gctataaaat ggcagatgag gccggaagtg aagccgatca 1860
```

tgaaggaaca catagcacca agagaggcca tgctaaatct cgccctgtca gaggtatcca 1920

```
<210> 8
<211> 1479
<212> DNA
<213> Human
```

<400> 8

```
ccccaagett gtcgacgcca ccatgaaaca tctattattg ctactattgt gtgtttttct 60
agttaagtcc caaggtgtca acgacaatga ggagggtttc ttcagtgccc gtggtcatcg 120
accepttgae aagaagagag aagaggetee cageetgagg eetgeeecae egeecateag 180
tggaggtggc tatcgggctc gtccagccaa agcagctgcc actcaaaaga aagtagaaag 240
aaaagcccct gatgctggag gctgtcttca cgctgaccca gacctggggg tgttgtgtcc 300
tacaggatgt cagttgcaag aggctttgct acaacaggaa aggccaatca gaaatagtgt 360
tgatgagtta aataacaatg tggaagctgt ttcccagacc tcctcttctt cctttcagta 420
catgtatttg ctgaaagacc tgtggcaaaa gaggcagaag caagtaaaag ataatgaaaa 480
tgtagtcaat gagtactcct cagaactgga aaagcaccaa ttatatatag atgagactgt 540
gaatagcaat atcccaacta accttcgtgt gcttcgttca atcctggaaa acctgagaag 600
caaaatacaa aagttagaat ctgatgtctc agctcaaatg gaatattgtc gcaccccatg 660
cactgtcagt tgcaatattc ctgtggtgtc tggcaaagaa tgtgaggaaa ttatcaggaa 720
aggaggtgaa acatctgaaa tgtatctcat tcaacctgac agttctgtca aaccgtatag 780
agtatactgt gacatgaata cagaaaatgg aggatggaca gtgattcaga accgtcaaga 840
cggtagtgtt gactttggca ggaaatggga tccatataaa cagggatttg gaaatgttgc 900
aaccaacaca gatgggaaga attactgtgg cctaccaggt gaatattggc ttggaaatga 960
taaaattagc cagcttacca ggatgggacc cacagaactt ttgatagaaa tggaggactg 1020
gaaaggagac aaagtaaagg ctcactatgg aggattcact gtacagaatg aagccaacaa 1080
ataccagatc tcagtgaaca aatacagagg aacagccggt aatgccctca tggatggagc 1140
atctcagctg atgggagaaa acaggaccat gaccattcac aacggcatgt tcttcagcac 1200
gtatgacaga gacaatgacg gctggttaac atcagatccc agaaaacagt gttctaaaga 1260
agacggtggt ggatggtggt ataatagatg tcatgcagcc aatccaaacg gcagatacta 1320
ctggggtgga cagtacacct gggacatggc aaagcatggc acagatgatg gtgtagtatg 1380
gatgaattgg aaggggtcat ggtactcaat gaggaagatg agtatgaaga tcaggccctt 1440
                                               1479
cttcccacag caatagtaag tcgactgatc agaattccg
```

```
<210> 9
<211> 1359
<212> DNA
<213> Human
```

<400> 9

```
ccccaagctt gtcgacgca ccatgagttg gtccttgcac ccccggaatt taatteteta 60 cttctatgct cttttattc tctctcaac atgtgtagca tatgttgcta ccagagacaa 120 ctgctgcatc ttagatgaaa gattcggtag ttattgtca actacctgtg gcattgcaga 180 tttcctgtct acttatcaaa ccaaagtaga caaggatcta cagtctttgg aagacatctt 240 acatcaagtt gaaaacaaaa catcagaagt caaacagctg ataaaagcaa tccaactcac 300 ttataatcct gatgaatcat caaaccaaa tatgatagac gctgctactt tgaagtccag 360 gaaaatgtta gaagaaatta tgaaatatga agcatcgatt ttaacacatg actcaaggta 420 tcgatatttg caggaaatat ataattcaaa taatcaaaag attgttaacc tgaaaggaaa 480 ggtagccag cttgaagcac agtgccagga accttgcaaa gcaacggtge aaatccatga 540 tatcactggg aaagattgtc aagacattgc caataaggga gctaaacaga gcgggcttta 600 ctttattaaa ccctctgaaag ctaaccagca attcttagtc tactggaaa tcgaggtc 660 tggaaatgga tggactgtg ttcaagaaga acttgatggc agtgtagatt tcaagaaaaa 720 ctggattcaa tataaagaag gatttggaca tctgtccct actggcacaa cagaattttg 780
```

```
gctgggaaat gagaagattc atttgataag cacacagtct gccatcccat atgcattaag 840
agtggaactg gaagactgga atggcagaac cagtactgca gactatgcca tgttcaaggt 900
gggacctgaa gctgacaagt accgcctaac atatgcctac ttcgctggtg gggatgctgg 960
agatgccttt gatggctttg attttggcga tgatcctagt gacaagtttt tcacatccca 1020
taatggcatg cagttcagta cctgggacaa tgacaatgat aagtttgaag gcaactgtgc 1080
tgaacaggat ggatctggtt ggtggatgaa caagtgtcac gctggccatc tcaatggagt 1140
ttattaccaa ggtggcactt actcaaaagc atctactcct aatggttatg ataatggcat 1200
tatttgggcc acttggaaaa cccggtggta ttccatgaag aaaaccacta tgaagataat 1260
cccattcaac agactcacaa ttggagaagg acagcaacac cacctggggg gagccaaaca 1320
ggctggagac gtttaataag tcgacggatc cgaattccg
                                               1359
<210> 10
<211> 60
<212> DNA
<213> Baculovirus
<400> 10
CCGCTCGAGG AATTCGCCAC CATGTGTGTA ATTTTTCCGG TAGAAATCGA CGTGTCCCAG 60
<210> 11
<211> 54
<212> DNA
<213> Baculovirus
<400> 11
CCGCTCGAGG AATTCTACTC GTAAAGCCAG TTCAATTTTA AAAACAAATG ACAT
                                                              54
<210> 12
<211> 1035
<212> DNA
<213> Baculovirus
<400> 12
CCGCTCGAGG AATTCGCCAC CATGTGTGTA ATTTTTCCGG TAGAAATCGA CGTGTCCCAG 60
ACGATTATTC GAGATTGTCA GGTGGACAAA CAAACCAGAG AGTTGGTGTA CATTAACAAG 120
ATTATGAACA CGCAATTGAC AAAACCCGTT CTCATGATGT TTAACATTTC GGGTCCTATA 180
CGAAGCGTTA CGCGCAAGAA CAACAATTTG CGCGACAGAA TAAAATCAAA AGTCGATGAA 240
CAATTTGATC AACTAGAACG CGATTACAGC GATCAAATGG ATGGATTCCA CGATAGCATC 300
AAGTATTTTA AAGATGAACA CTATTCGGTA AGTTGCCAAA ATGGCAGCGT GTTGAAAAGC 360
AAGTTTGCTA AAATTTTAAA GAGTCATGAT TATACCGATA AAAAGTCTAT TGAAGCTTAC 420
GAGAAATACT GTTTGCCCAA ATTGGTCGAC GAACGCAACG ACTACTACGT GGCGGTATGC 480
GTGTTGAAGC CGGGATTTGA GAACGGCAGC AACCAAGTGC TATCTTTCGA GTACAACCCG 540
ATTGGTAACA AAGTTATTGT GCCGTTTGCT CACGAAATTA ACGACACGGG ACTTTACGAG 600
TACGACGTCG TAGCTTACGT GGACAGTGTG CAGTTTGATG GCGAACAATT TGAAGAGTTT 660
GTGCAGAGTT TAATATTGCC GTCGTCGTTC AAAAATTCGG AAAAGGTTTT ATATTACAAC 720
GAAGCGTCGA AAAACAAAAG CATGATCTAC AAGGCTTTAG AGTTTACTAC AGAATCGAGC 780
TGGGGCAAAT CCGAAAAGTA TAATTGGAAA ATTTTTTGTA ACGGTTTTAT TTATGATAAA 840
AAATCAAAAG TGTTGTATGT TAAATTGCAC AATGTAACTA GTGCACTCAA CAAAAATGTA 900
ATATTAAACA CAATTAAATA AATGTTAAAA TTTATTGCCT AATATTATTT TGTCATTGCT 960
TGTCATTTAT TAATTTGGAT GATGTCATTT GTTTTTAAAA TTGAACTGGC TTTACGAGTA 1020
GAATTCCTCG AGCGG
                          1035
```

```
<210> 13
<211> 77
```

<212> DNA <213> Human

<400> 13

CCATCGATGG ATCCGTCGAC TTACTATTGG GTCACAAGGG GCCTAATTTT CATGCGAACA 60 GCCCTGAGGG AATATAG 77

<210> 14 <211> 2646 <212> DNA <213> Human

<400> 14

CCCCAAGCTT GTCGACGCCA CCATGTTTTC CATGAGGATC GTCTGCCTGG TCCTAAGTGT 60 GGTGGGCACA GCATGGACTG CAGATAGTGG TGAAGGTGAC TTTCTAGCTG AAGGAGGAGG 120 CGTGCGTGGC CCAAGGGTTG TGGAAAGACA TCAATCTGCC TGCAAAGATT CAGACTGGCC 180 CTTCTGCTCT GATGAAGACT GGAACTACAA ATGCCCTTCT GGCTGCAGGA TGAAAGGGTT 240 GATTGATGAA GTCAATCAAG ATTTTACAAA CAGAATAAAT AAGCTCAAAA ATTCACTATT 300 TGAATATCAG AAGAACAATA AGGATTCTCA TTCGTTGACC ACTAATATAA TGGAAATTTT 360 GAGAGGCGAT TTTTCCTCAG CCAATAACCG TGATAATACC TACAACCGAG TGTCAGAGGA 420 TCTGAGAAGC AGAATTGAAG TCCTGAAGCG CAAAGTCATA GAAAAAGTAC AGCATATCCA 480 GCTTCTGCAG AAAAATGTTA GAGCTCAGTT GGTTGATATG AAACGACTGG AGGTGGACAT 540 TGATATTAAG ATCCGATCTT GTCGAGGGTC ATGCAGTAGG GCTTTAGCTC GTGAAGTAGA 600 TCTGAAGGAC TATGAAGATC AGCAGAAGCA ACTTGAACAG GTCATTGCCA AAGACTTACT 660 TCCCTCTAGA GATAGGCAAC ACTTACCACT GATAAAAATG AAACCAGTTC CAGACTTGGT 720 TCCCGGAAAT TTTAAGAGCC AGCTTCAGAA GGTACCCCCA GAGTGGAAGG CATTAACAGA 780 CATGCCGCAG ATGAGAATGG AGTTAGAGAG ACCTGGTGGA AATGAGATTA CTCGAGGAGG 840 CTCCACCTCT TATGGAACCG GATCAGAGAC GGAAAGCCCC AGGAACCCTA GCAGTGCTGG 900 AAGCTGGAAC TCTGGGAGCT CTGGACCTGG AAGTACTGGA AACCGAAACC CTGGGAGCTC 960 TGGGACTGGA GGGACTGCAA CCTGGAAACC TGGGAGCTCT GGACCTGGAA GTACTGGAAG 1020 CTGGAACTCT GGGAGCTCTG GAACTGGAAG TACTGGAAAC CAAAACCCTG GGAGCCCTAG 1080 ACCTGGTAGT ACCGGAACCT GGAATCCTGG CAGCTCTGAA CGCGGAAGTG CTGGGCACTG 1140 GACCTCTGAG AGCTCTGTAT CTGGTAGTAC TGGACAATGG CACTCTGAAT CTGGAAGTTT 1200 TAGGCCAGAT AGCCCAGGCT CTGGGAACGC GAGGCCTAAC AACCCAGACT GGGGCACATT 1260 TGAAGAGGTG TCAGGAAATG TAAGTCCAGG GACAAGGAGA GAGTACCACA CAGAAAAACT 1320 GGTCACTTCT AAAGGAGATA AAGAGCTCAG GACTGGTAAA GAGAAGGTCA CCTCTGGTAG 1380 CACAACCACC ACGCGTCGTT CATGCTCTAA AACCGTTACT AAGACTGTTA TTGGTCCTGA 1440 TGGTCACAAA GAAGTTACCA AAGAAGTGGT GACCTCCGAA GATGGTTCTG ACTGTCCCGA 1500 GGCAATGGAT TTAGGCACAT TGTCTGGCAT AGGTACTCTG GATGGGTTCC GCCATAGGCA 1560 CCCTGATGAA GCTGCCTTCT TCGACACTGC CTCAACTGGA AAAACATTCC CAGGTTTCTT 1620 CTCACCTATG TTAGGAGAGT TTGTCAGTGA GACTGAGTCT AGGGGCTCAG AATCTGGCAT 1680 CTTCACAAAT ACAAAGGAAT CCAGTTCTCA TCACCCTGGG ATAGCTGAAT TCCCTTCCCG 1740 TGGTAAATCT TCAAGTTACA GCAAACAATT TACTAGTAGC ACGAGTTACA ACAGAGGAGA 1800 CTCCACATTT GAAAGCAAGA GCTATAAAAT GGCAGATGAG GCCGGAAGTG AAGCCGATCA 1860 TGAAGGAACA CATAGCACCA AGAGAGGCCA TGCTAAATCT CGCCCTGTCA GAGACTGTGA 1920 TGATGTCCTC CAAACACATC CTTCAGGTAC CCAAAGTGGC ATTTTCAATA TCAAGCTACC 1980 GGGATCCAGT AAGATTTTTT CTGTTTATTG CGATCAAGAG ACCAGTTTGG GAGGATGGCT 2040 TTTGATCCAG CAAAGAATGG ATGGATCACT GAATTTTAAC CGGACCTGGC AAGACTACAA 2100 GAGAGGTTTC GGCAGCCTGA ATGACGAGGG GGAAGGAGAA TTCTGGCTAG GCAATGACTA 2160 CCTCCACTTA CTAACCCAAA GGGGCTCTGT TCTTAGGGTT GAATTAGAGG ACTGGGCTGG 2220 GAATGAAGCT TATGCAGAAT ATCACTTCCG GGTAGGCTCT GAGGCTGAAG GCTATGCCCT 2280
CCAAGTCTCC TCCTATGAAG GCACTGCGGG TGATGCTCTG ATTGAGGGTT CCGTAGAGGA 2340
AGGGGCAGAG TACACCTCTC ACAACAACAT GCAGTTCAGC ACCTTTGACA GGGATGCAGA 2400
CCAGTGGGAA GAGAACTGTG CAGAAGTCTA TGGGGGAGGC TGGTGGTATA ATAACTGCCA 2460
AGCAGCCAAT CTCAATGGAA TCTACTACCC TGGGGGCTCC TATGACCCAA GGAATAACAG 2520
TCCTTATGAG ATTGAGAATG GAGTGGTCTG GGTTTCCTTT AGAGGGGCAG ATTATTCCCT 2580
CAGGGCTGTT CGCATGAAAA TTAGGCCCCT TGTGACCCAA TAGTAAGTCG ACGGATCCAT 2640
CGATGG 2646

<210> 15

<211> 77

<212> DNA

<213> Human

<400> 15

CGGAATTCGG ATCCGTCGAC TTACTACAAA TCATCCTCAG GGTAAAGTGA GTCATATTCT 60 GTTTCCGCAG GGTGCTC 77

<210> 16

<211> 1407

<212> DNA

<213> Human

<400> 16

CCCCAAGCTT GTCGACGCCA CCATGAGTTG GTCCTTGCAC CCCCGGAATT TAATTCTCTA 60 CTTCTATGCT CTTTTATTC TCTCTTCAAC ATGTGTAGCA TATGTTGCTA CCAGAGACAA 120 CTGCTGCATC TTAGATGAAA GATTCGGTAG TTATTGTCCA ACTACCTGTG GCATTGCAGA 180 TTTCCTGTCT ACTTATCAAA CCAAAGTAGA CAAGGATCTA CAGTCTTTGG AAGACATCTT 240 ACATCAAGTT GAAAACAAAA CATCAGAAGT CAAACAGCTG ATAAAAGCAA TCCAACTCAC 300 TTATAATCCT GATGAATCAT CAAAACCAAA TATGATAGAC GCTGCTACTT TGAAGTCCAG 360 GAAAATGTTA GAAGAAATTA TGAAATATGA AGCATCGATT TTAACACATG ACTCAAGTAT 420 TCGATATTTG CAGGAAATAT ATAATTCAAA TAATCAAAAG ATTGTTAACC TGAAAGAGAA 480 GGTAGCCCAG CTTGAAGCAC AGTGCCAGGA ACCTTGCAAA GACACGGTGC AAATCCATGA 540 TATCACTGGG AAAGATTGTC AAGACATTGC CAATAAGGGA GCTAAACAGA GCGGGCTTTA 600 CTTTATTAAA CCTCTGAAAG CTAACCAGCA ATTCTTAGTC TACTGTGAAA TCGATGGGTC 660 TGGAAATGGA TGGACTGTGT TTCAGAAGAG ACTTGATGGC AGTGTAGATT TCAAGAAAAA 720 CTGGATTCAA TATAAAGAAG GATTTGGACA TCTGTCTCCT ACTGGCACAA CAGAATTTTG 780 GCTGGGAAAT GAGAAGATTC ATTTGATAAG CACACAGTCT GCCATCCCAT ATGCATTAAG 840 AGTGGAACTG GAAGACTGGA ATGGCAGAAC CAGTACTGCA GACTATGCCA TGTTCAAGGT 900 GGGACCTGAA GCTGACAAGT ACCGCCTAAC ATATGCCTAC TTCGCTGGTG GGGATGCTGG 960 AGATGCCTTT GATGGCTTTG ATTTTGGCGA TGATCCTAGT GACAAGTTTT TCACATCCCA 1020 TAATGGCATG CAGTTCAGTA CCTGGGACAA TGACAATGAT AAGTTTGAAG GCAACTGTGC 1080 TGAACAGGAT GGATCTGGTT GGTGGATGAA CAAGTGTCAC GCTGGCCATC TCAATGGAGT 1140 TTATTACCAA GGTGGCACTT ACTCAAAAGC ATCTACTCCT AATGGTTATG ATAATGGCAT 1200 TATTTGGGCC ACTTGGAAAA CCCGGTGGTA TTCCATGAAG AAAACCACTA TGAAGATAAT 1260 CCCATTCAAC AGACTCACAA TTGGAGAAGG ACAGCAACAC CACCTGGGGG GAGCCAAACA 1320 GGTCAGACCA GAGCACCCTG CGGAAACAGA ATATGACTCA CTTTACCCTG AGGATGATTT 1380 GTAGTAAGTC GACGGATCCG AATTCCG 1407